



GC Maintenance and Troubleshooting Course

This 3-day course is designed as a comprehensive introduction to the working principles and practice of Gas Chromatography (GC) and GCAS® software.

The course covers all practical theory you need to know about GC operation and its related techniques including the use of GC software, configuration of time events within GC, calculation of GC uncertainty, valve overhaul, column change, spot sampling & mole% comparison, data analysis, and GC calibration monitoring. The training looks at how to apply GCAS® patented method to analyse the health of GC in more efficient ways, and how to monitor & troubleshoot the GC issues.

The course is packed with examples and practical tips, and includes Q&A session to promote interactive learning that participants can apply to their daily work.



COURSE OUTLINE

Day 1

- Basic operation of GC
- GC components
- GC operation
- Hands on—valve overhaul
- Hands on—Column change
- Q&A

Day 2

- GC maintenance—how to determine health of GC
- Application of GCAS® software to maintain GC
- Hands on—troubleshooting using GCAS®
- Q&A

Day 3

- Practice—GC configuration and troubleshooting
- Wrap up
- Quiz and feedback

LEARNING OBJECTIV

Upon completion, participants will:

- Understand how to analyse the health of the GC
- Understand how to interpret GC data (i.e. calibration data and analysis data)
- Experience hands on activities by interacting with GC using GCAS assistance.
- Know how to use the GCAS® method to perform GC troubleshooting in case of failure.

TRAINING FACILITIES

- Class room fit to 6 people
- Wi-Fi connection to connect GC wirelessly
- Computer installed with GCAS connected to i-Vigilant training database
- Full hands on experience with error simulations in actual GC
- Workshop with all required tool to maintain GC
- Lunch is provided

VENUE

i-Vigilant Technologies Ltd
Unit 26 Murcar Commercial Park
Denmore Road, Bridge of Don
AB23 8JW, Aberdeen
United Kingdom

"Overall the training was excellent, I would absolutely recommend this training. The use of GCAS® during the training was perfectly well and the training also provide troubleshooting approach." Christopher Omeri

Registration:
info@i-vigilant.com



For more information :
<http://www.i-vigilant.co.uk/services/pages/training-courses.html>

